Tournament Robot Inspection - VEX U Robotics Competition

Team Number:_____ **Division:**_____

Robot A ☐ **Robot B** ☐ *(check both if VEX U team is fielding two robots for this Match)*

☐	Team is fielding up to two (2) robots for this Match; no additional spare or backup robots beyond those declared	<R1> <VUR1>
☐	Each robot has two (2) license plates: red or blue (not both), mounted on opposing horizontal sides that show legible team number in white font	<R4>
☐	Robots have no intentionally detachable components, entanglement hazards, or parts that may damage the field or other robots	<GG8> <GG9>
☐	Each robot fits within the current VEX U starting-size volume before expansion, in all legal starting configurations, with license plates attached. One robot fits within a 24"x24"x24" volume. The other must fit within a 15"x15"x15" volume.	<R3> <VUR1>
☐	Robots do not expand beyond 50 inches vertically and 24 inches horizontally	<SG2> <SG3>
☐	Each robot uses one (1) official VEX V5 Robot Brain	<R6> <VUR10>
☐	Each robot has at least one (1) VEX radio (VEX U robots may use up to two (2)) and uses only VEXnet wireless communication	<VUR10>
☐	Power button and/or battery connection are clearly visible and accessible without moving the robot	<R7>
☐	Brain(s) have the latest firmware installed and are properly named with the Team Number	<R7>
☐	Each robot uses one (1) official VEX V5 Battery and no other power source	<R12>
☐	Each robot is controlled by no more than two (2) VEX V5 Controllers	<R15>
☐	No modifications have been made to official VEX V5 electronics	<R16> <R28>
☐	Commercially available Electromechanical Assemblies are NOT used	<VUR13>
☐	All components are not intended to damage other robots or field elements	<R18>
☐	Fabricated (non-VEX) parts are made only from legal Raw Stock by student team members, and do not pose a safety or damage risk — VEX U's Raw Stock allowance replaces the standard custom-plastic piece/size/thickness limits	<VUR3> <VUR4> <VUR7>
☐	No excessive grease, anti-static spray, or aerosol lubricants. No grease on V5 Smart Motors or motor cartridges	<R19>
☐	Hot glue used only for cable strain relief	<R19>
☐	Rope/string ≤ ¼" (6.35mm) thick; rubber bands ≤ 7.5" long / 0.25" wide; zip ties ≤ 12" long / 0.25" wide	<R19>
☐	If custom wires are used, they must be made from only official VEX V5 Smart Cable Stock	<R20>

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☐	Tape is used only for allowed purposes (labels, license plate backing, pneumatic fittings, decoration, securing ends of VEX cables)	<R21>
☐	All pneumatic components are legal and unmodified; VEX U may use an unlimited number of commercially available pneumatic components (the standard 2-tank cap does not apply)	<R25> <VUR14>
☐	VEX Pressure Gauge is used if pneumatics are present; components remain rated to ≤100 psi	<R25> <R26>

Yes / No	Team confirms all designing, building, and coding were performed only by student members
Yes / No	Team has read and understands the Game Manual (including Section 6, VEX U rules) and official Q&A rulings
Yes / No	Team has read and understands the Student-Centered Policy

Final Inspection: ☐ PASS ☐ PARTIAL (changes required before Match play)

Inspector Signature:_____

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